

| Substance Name | CASRN | <i>In Vitro</i> Conc. Tested | <i>In Vivo</i> Conc. Tested | Chemical Class | <i>In Vivo</i> Physical Form Tested | pH | Property of Interest | <i>In Vivo</i> (GHS) Classification ¹ | GHS Category 1 Subclass ² | <i>In Vivo</i> (EPA) Classification ³ | <i>In Vivo</i> (EU) Classification ⁴ | <i>In Vitro</i> Classification (IS(A)-10) ⁵ | Reference |
|--|-------|---------------------------------|--------------------------------|-------------------|--|----|-------------------------|---|--|---|--|--|------------------------|
| Surfactant Based Formulation 1-HZA | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Moderate | Gettings et al. (1996) |
| Surfactant Based Formulation 2-HZB | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Slight | Gettings et al. (1996) |
| Surfactant Based Formulation 3-HZC | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Severe | Gettings et al. (1996) |
| Surfactant Based Formulation 4-HZD | | 10% | Undiluted | Formulation | Solution | | | Category 2B | | Category III | Nonirritant | Moderate | Gettings et al. (1996) |
| Surfactant Based Formulation 5-HZE | | 10% | Undiluted | Formulation | Solution | | | SCNM | | Category I | SCNM | Slight | Gettings et al. (1996) |
| Surfactant Based Formulation 6-HZF | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Moderate | Gettings et al. (1996) |
| Surfactant Based Formulation 7-HZG | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Moderate | Gettings et al. (1996) |
| Surfactant Based Formulation 8-HZH | | 10% | Undiluted | Formulation | Solution | | | Nonirritant | | Category IV | Nonirritant | Slight | Gettings et al. (1996) |
| Surfactant Based Formulation 9-HZI | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Severe | Gettings et al. (1996) |
| Surfactant Based Formulation 10-HZJ | | 10% | Undiluted | Formulation | Solution | | | Nonirritant | | Category IV | Nonirritant | Slight | Gettings et al. (1996) |
| Surfactant Based Formulation 11-HZK | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Moderate | Gettings et al. (1996) |
| Surfactant Based Formulation 12-HZL | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Severe | Gettings et al. (1996) |
| Surfactant Based Formulation 13-HZM | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Slight | Gettings et al. (1996) |
| Surfactant Based Formulation 14-HZN | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Moderate | Gettings et al. (1996) |
| Surfactant Based Formulation 15-HZP | | 10% | Undiluted | Formulation | Solution | | | Nonirritant | | Category III | Nonirritant | Slight | Gettings et al. (1996) |

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|--|-------|---------------------------------|--------------------------------|-------------------|--|----|-------------------------|---|--|---|--|--|------------------------|
| Surfactant Based Formulation 16-HZQ | | 10% | Undiluted | Formulation | Solution | | | Nonirritant | | Category III | Nonirritant | Slight | Gettings et al. (1996) |
| Surfactant Based Formulation 17-HZR | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Moderate | Gettings et al. (1996) |
| Surfactant Based Formulation 18-HZS | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Moderate | Gettings et al. (1996) |
| Surfactant Based Formulation 19-HZT | | 10% | Undiluted | Formulation | Solution | | | Nonirritant | | Category IV | Nonirritant | Nonirritant | Gettings et al. (1996) |
| Surfactant Based Formulation 20-HZU | | 10% | Undiluted | Formulation | Solution | | | Category 2B | | Category III | R36 | Slight | Gettings et al. (1996) |
| Surfactant Based Formulation 21-HZV | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Moderate | Gettings et al. (1996) |
| Surfactant Based Formulation 22-HZW | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Moderate | Gettings et al. (1996) |
| Surfactant Based Formulation 23-HZX | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Severe | Gettings et al. (1996) |
| Surfactant Based Formulation 24-HZY | | 10% | Undiluted | Formulation | Solution | | | Category 1 | 1 | Category I | R41 | Moderate | Gettings et al. (1996) |
| Surfactant Based Formulation 25-HZZ | | 10% | Undiluted | Formulation | Solution | | | Nonirritant | | Category IV | Nonirritant | Nonirritant | Gettings et al. (1996) |

Abbreviations: CASRN = Chemical Abstracts Service Registry Number; Conc. = Concentration; EPA = U.S. Environmental Protection Agency; EU = European Union; GHS = Globally Harmonized System; SCNM - Study Criteria Not Met.

¹Eye Irritant Category 1 = irreversible effects on the eye/serious damage to the eye; Category 2A = reversible effects on the eye/irritating to the eyes; Category 2B = reversible effects on the eye/mildly irritating to the eyes; Nonirritant = not an eye irritant

²NICEATM-defined subgroups assigned based on the lesions that drove classification of a GHS Category 1 substance. 1: based on lesions that are persistent; 2: based on lesions that are severe (not including corneal opacity score equal to 4); 3: based on lesions that are severe (not including corneal opacity score equal to 4) and persistent; 4: corneal opacity score equal to 4 at any time; NC: No subclassification could be made based on the data.

³Toxicity Category I for the Primary Eye Irritation Study = Corrosive, or corneal involvement or irritation not reversible within 21 days; Category II = Corneal involvement or irritation clearing in 8-21 days; Category III = Corneal involvement or irritation clearing in 7 days or less; Category IV = Minimal effects clearing within 24 hr.

⁴Risk phrase R41 = risk of serious damage to the eyes; R36 = irritating to the eyes; nonirritant = not an eye irritant.

⁵IS(A)-10 represents irritation scores that were calculated using the method described in Leupke (1985) where the *in vitro* evaluation was conducted with a 10% concentration of the test substance and the *in vivo* evaluation was conducted with a 100% concentration of the test substances; classification scheme used as described in Leupke (1985).